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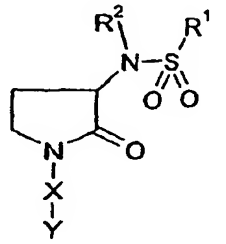
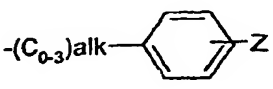
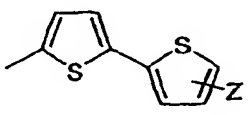
(54) Title: 1-PHENYL-2-OXO-3-SULFONYLAMINO-PYRROLIDINE DERIVATIVES AND RELATED COMPOUNDS AS FACTOR XA INHIBITORS FOR THE TREATMENT OF ACUTE VASCULAR DISEASES

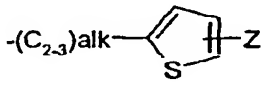


(I)

(II)







(57) Abstract: The invention relates to compounds of formula (I) wherein: $R^1$ represents a group selected from: formula (II) each ring of which optionally contains a further heteroatom N, Z represents an optional substituent halogen, alk represents alkylene or alkenylene, T represents S, O or NH; $R^2$ represents $-C_{1-6}$alkyl, $-C_{1-3}$alkylCN, $-C_{0-3}$alkyl$R^c$, $-C_{1-3}$alkyl$R^f$, $-C_{2-3}$alkyl$NR^aR^b$, $-C_{2-3}$alkyl$OC_{1-6}$alkyl, $-C_{2-3}$alkyl$OC_{1-3}$alkyl$CONR^aR^b$, with the proviso that $R^2$ does not represent $C_{2-3}$alkylmorpholino; X represents phenyl or a 5- or 6- membered aromatic heterocyclic group containing at least one heteroatom selected from O, N or S, each of which is optionally substituted by 0-2 groups selected from: halogen, $-C_{1-4}$alkyl, $-C_{2-4}$alkenyl, -CN, $-CF_3$, $-NR^aR^b$, $-C_{0-4}$alkyl$OR^c$, $-C(O)R^d$ and $-C(O)NR^aR^b$; Y represents a substituent selected from hydrogen, halogen, $-C_{1-4}$alkyl, $-C_{2-4}$alkenyl, $-NR^aR^b$, $-NO_2$, $-C(O)NR^aR^b$, $-N(C_{1-4}$alkyl$)(CHO)$, $-NHCOC_{1-4}$alkyl, $-NHSO_2R^d$, $-C_{0-4}$alkyl$OR^c$, $-C(O)R^d$, $-S(O)_nR^d$, or $-S(O)_2NR^aR^b$; The other substituents are as defined in claim 1.

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